

**IN THE SPECIFICATION**

**Please insert the following new paragraph after paragraph [0029]:**

--FIG. 5 shows a schematic diagram of a pumping system consistent with an embodiment of the present invention.--

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--FIG. 5 shows a schematic diagram of a pumping system consistent with an embodiment of the present invention. A pump 222 consists of an inlet 224, an outlet 226, and a motor 220. The motor 220 is electrically coupled to the speed controller 203 which controls the speed of the motor 220 which in turn controls the speed of the pump 222. A microcontroller 213 is electrically coupled to at least one pressure transducer 228 which is/are located on the pump outlet 226 and/or the pump inlet 224. The microcontroller 213 is configured to receive electrical signals from the pressure transducer 228 (which may or may not have two pressure sensing locations, as illustrated) and adjust the speed of the pump 222 via the speed controller 203, as described herein.--